BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUBDIVISION

WARD NO.07, Byatarayanapura

Measurement sheets

Name of work: Improvements to roads and drains at Amruthalli main road and Kriyanna layout and surrounding areas in ward No.07
Est cost: Package-04: 582.00 lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.

Job Code: 007-19-000106, 008-19-000034, 008-19-000035, 009-19-000030, 010-19-000011, 011-19-000288

Name of the Agency : BB Umesh

Work Order No. BBMP/EE/BTP/WO/110/2019-20

Sl No	Description of item	Unit	No	L	B	D	Qty
1	**Dismantling** cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200 m (within average thickness of 15 cms), No. 270 Item No. 37.51 PWD SR 2018-19						
	Kariyanna layout 1st Cross	Sqm	1	30.00	$\frac{4.2+5.2}{2}$		141.00
			1	30.00	$\frac{5.2+5.6}{2}$		162.00
			1	25.00	$\frac{5.6+5.7}{2}$		141.25
	Main Road (Along the side of the drain)						
	LHS		1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	20.00	0.40		8.00
	RHS		1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	30.00	0.40		12.00
			1	20.00	0.40		8.00
					Total Qty		652.25
2	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 143/ Item No. 19.1/ PWD SR 2018-19						

Sl No	Description of item	Unit	No	L	B	D	Qty
	New RCC Drain	Cum					
	Kariyanna Layout Main Road						
	LHS		1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	20.00	0.95	0.90	17.10
	RHS		1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	30.00	0.95	0.90	25.65
			1	20.00	0.95	0.90	17.10
	Slab Drain						
	kariyanna layout 2nd Cross						
	LHS		1	30.00	0.90	0.90	24.30
			1	30.00	0.90	0.90	24.30
			1	30.00	0.90	0.90	24.30
			1	25.00	0.90	0.90	20.25
	RHS		1	30.00	0.90	0.90	24.30
			1	30.00	0.90	0.90	24.30
			1	30.00	0.90	0.90	24.30
			1	25.00	0.90	0.90	20.25
	Road Surface						
	Kariyanna layout 1st Cross						
			1	30.00	$\frac{4.2+5.2}{2}$	0.45	63.45
			1	30.00	$\frac{5.2+5.6}{2}$	0.45	72.90
			1	25.00	$\frac{5.6+5.7}{2}$	0.45	63.56
	Kariyanna layout 2nd Cross		1	30.00	$\frac{5.3+5.4}{2}$	0.45	72.23
			1	30.00	$\frac{5.4+5.4}{2}$	0.45	72.90
			1	30.00	$\frac{5.4+5.6}{2}$	0.45	74.25
			1	25.00	$\frac{5.6+3.9}{2}$	0.45	53.44
	Kariyanna layout 2nd cross 1st sub road		1	35.00	$\frac{5+5.4}{2}$	0.40	72.80
	Kariyanna layout 2nd cross 2nd sub road		1	35.00	$\frac{5.7+5.5}{2}$	0.40	78.40
	Kariyanna layout 2nd cross 3rd sub road		1	35.00	$\frac{5.5+5}{2}$	0.40	73.50

1328.33

Sl No	Description of item	Unit	No	L	B	D	Qty
					Total Qty		1328.33
3	ksrrb m300 - 54 Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requiremnet of table 300-2 complete as per specification which includes watering charges and compaction by vibratory roller. morth specification no 305. 19.61 page no 147						
	Road Surface	Cum					
	Kariyanna layout 1st Cross		1	30.00	$\frac{4.2+5.2}{2}$	0.30	42.30
			1	30.00	$\frac{5.2+5.6}{2}$	0.30	48.60
			1	25.00	$\frac{5.6+5.7}{2}$	0.30	42.38
	Kariyanna layout 2nd Cross		1	30.00	$\frac{5.3+5.4}{2}$	0.30	48.15
			1	30.00	$\frac{5.4+5.4}{2}$	0.30	48.60
			1	30.00	$\frac{5.4+5.6}{2}$	0.30	49.50
			1	25.00	$\frac{5.6+3.9}{2}$	0.30	35.63
	Kariyanna layout 2nd cross 1st sub road		1	35.00	$\frac{5+5.4}{2}$	0.30	54.60
	Kariyanna layout 2nd cross 2nd sub road		1	35.00	$\frac{5.7+5.5}{2}$	0.30	58.80
	Kariyanna layout 2nd cross 3rd sub road		1	35.00	$\frac{5.5+5}{2}$	0.30	55.13
					Total Qty		483.68
4	KSRRB M300-59.2: loosening, leveling and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in table 300-2 for embankment construction, complete as per specifications, case-II: compacting original ground supporting embankment, (which includes watering charges & compaction by vibratory roller) MORTH specification No. 3.5.3.4 Page No. 146. Item No. 19.66/ PWD SR 2018-19						
	Road Surface	Sqm					
	Kariyanna layout 1st Cross		1	30.00	$\frac{4.2+5.2}{2}$		141.00
			1	30.00	$\frac{5.2+5.6}{2}$		162.00
			1	25.00	$\frac{5.6+5.7}{2}$		141.25
	Kariyanna layout 2nd Cross		1	30.00	$\frac{5.3+5.4}{2}$		160.50
			1	30.00	$\frac{5.4+5.4}{2}$		162.00
			1	30.00	$\frac{5.4+5.6}{2}$		165.00
			1	25.00	$\frac{5.6+3.9}{2}$		118.75
	Kariyanna layout 2nd cross 1st sub road		1	35.00	$\frac{5+5.4}{2}$		182.00

1:4:8

B/F 1232.56

Sl No	Descriptic	Unit	No	L	B	D	Qty
	Kariyanna layout sub road		1	35.00	5.7+5.5 / 2		196.00
	Kariyanna layou sub road		1	35.00	5.5+5 / 2		183.75
						Total Qty	1612.25
5	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs; with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 13/ Item No. 4.3/ PWD SR 2018-19						
	New RCC Drain						
	Kariyanna Layout Main Road	Cum					
	LHS		1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	20.00	0.95	0.15	2.91
	RHS		1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	30.00	0.95	0.15	4.37
			1	20.00	0.95	0.15	2.91
	Kariyanna layout 1st Cross		1	30.00	4.2+5.2 / 2	0.15	21.15
			1	30.00	5.2+5.6 / 2	0.15	24.30
			1	25.00	5.6+5.7 / 2	0.15	21.19
	Kariyanna layout 2nd Cross		1	30.00	5.3+5.4 / 2	0.15	24.08
			1	30.00	5.4+5.4 / 2	0.15	24.30
			1	30.00	5.4+5.6 / 2	0.15	24.75
			1	25.00	5.6+3.9 / 2	0.15	17.81
	Kariyanna layout 2nd cross 1st sub road		1	35.00	5+5.4 / 2	0.15	27.30
	Kariyanna layout 2nd cross 2nd sub road		1	35.00	5.7+5.5 / 2	0.15	29.40
	Kariyanna layout 2nd cross 3rd sub road		1	35.00	5.5+5 / 2	0.15	27.56

317.62

317.62

Sl No	Description of item	Unit	No	L	B		Qty
	Main Road (Along the side of the drain)						
	LHS		1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	20	0.50	0.15	3.00
	RHS		1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	30	0.50	0.15	4.50
			1	20	0.50	0.15	3.00
					Total Qty		395.62
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 27/ Item No. 5.31.1/ PWD SR 2018-19						
	kariyanna layout 2nd Cross						
	Slab Drain	Sqm	2	30.00		1.50	90
			2	30.00		1.50	90
			2	30.00		1.50	90
			2	25.00		1.50	75
					Total Qty		345.00
					QTY LTD TO		310.50
12	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 18/ Item No. 4.46.2/ PWD SR 2018-19						
	New RCC Drain	Tonne					
	LHS		L	No of rods	le of u bar	Total length	
						10mm	8mm
	Main rod	1	30	365	1.7	620.5	
	distribution	1	30	9	30		270
		1	30	365	1.7	620.5	
		1	30	9	30		270
		1	30	365	1.8	657	
		1	30	9	30		270
		1	30	365	1.8	657	
		1	30	9	30		270
		1	30	365	1.85	675.25	
		1	30	9	30		270

3230.25 1350

3230.25 1350

Sl No	Description of item	Unit	No	L	B	D	Qty
		1	30	365	1.85	675.25	
		1	30	9	30		270
		1	30	365	1.9	693.5	
		1	30	9	30		270
		1	30	365	1.95	711.75	
		1	30	9	30		270
		1	20	260	2	520	
		1	20	9	20		180
	RHS	1	30	365	1.7	620.5	
	Main rod	1	30	9	30		270
	distribution						
		1	30	365	1.7	620.5	
		1	30	9	30		270
		1	30	365	1.8	657	
		1	30	9	30		270
		1	30	365	1.8	657	
		1	30	9	30		270
		1	30	365	1.85	675.25	
		1	30	9	30		270
		1	30	365	1.85	675.25	
		1	30	9	30		270
		1	30	365	1.9	693.5	
		1	30	9	30		270
		1	30	365	1.95	711.75	
		1	30	9	30		270
		1	20	260	2	520	
		1	20	9	20		180
						11661.5	4680
						0.62 kg/cum	0.39kg/cum
						7230.13	1825.2
						9055.33	**9.055**
					QTY LTD TO		**8.78**
8	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2018-19						
	Kariyanna Layout Main Road drain	Sqm	1X4	30.00		0.45	54.00
	LHS		1X4	30.00		0.45	54.00
			1X4	30.00		0.50	60.00
			1X4	30.00		0.50	60.00
			1X4	30.00		0.60	72.00
			1X4	30.00		0.60	72.00
			1X4	30.00		0.75	90.00
			1X4	30.00		0.75	90.00

Sl No	Description of item	Unit	No	L	B	D	Qty
			1X4	20.00		0.75	60.00
	RHS		1X4	30.00		0.45	54.00
			1X4	30.00		0.45	54.00
			1X4	30.00		0.50	60.00
			1X4	30.00		0.50	60.00
			1X4	30.00		0.60	72.00
			1X4	30.00		0.60	72.00
			1X4	30.00		0.75	90.00
			1X4	30.00		0.75	90.00
			1X4	20.00		0.75	60.00
					Total Qty		**1224.00**
					QTY LTD TO		**1222.32**
10	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 14/ Item No. 4.11/ PWD SR 2018-19						
	Kariyanna Layout Main Road drain						
	RCC Drains Bottom Concrete						
	LHS	Cum	1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	20.00	0.75	0.15	2.25
	RHS		1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	20.00	0.75	0.15	2.25
	For Side Walls						
	LHS		1X2	30.00	0.15	0.45	4.05
			1X2	30.00	0.15	0.45	4.05
			1X2	30.00	0.15	0.50	4.50
			1X2	30.00	0.15	0.50	4.50
			1X2	30.00	0.15	0.60	5.40
			1X2	30.00	0.15	0.60	5.40
			1X2	30.00	0.15	0.75	6.75
			1X2	30.00	0.15	0.75	6.75
			1X2	20.00	0.15	0.75	4.50
	RHS		1X2	30.00	0.15	0.45	4.05
			1X2	30.00	0.15	0.45	4.05
			1X2	30.00	0.15	0.50	4.50
			1X2	30.00	0.15	0.50	4.50

121.50

121.50

Sl No	Description of item	Unit	No	L	B	D	Qty
			1X2	30.00	0.15	0.60	5.40
			1X2	30.00	0.15	0.60	5.40
			1X2	30.00	0.15	0.75	6.75
			1X2	30.00	0.15	0.75	6.75
			1X2	20.00	0.15	0.75	4.50
					Total Qty		150.30
					QTY LTD TO		146.25
13	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab .						
	Kariyanna Layout Main Road drain	Sqm					
	LHS	50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		40.00		0.90	0.6		21.60
		50.00		0.90	0.6		27.00
		32.00		0.90	0.6		17.28
	RHS	50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		40.00		0.90	0.6		21.60
		50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		40.00		0.90	0.6		21.60
		50.00		0.90	0.6		27.00
		50.00		0.90	0.6		27.00
		32.00		0.90	0.6		17.28
					Total Qty		450.36
					QTY LTD TO		450.00
14	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 27/ Item No. 5.30/ PWD SR 2018-19						
	Kariyanna Layout Main Road	Nos					
	LHS	67					66.67
		64					64.00
		65					65.00
		66					66.00
		67					66.67
		64					64.00
		67					66.67
		67					66.67
		45					45.00
	LHS	67					66.67
		67					66.67
		63					63.00
		67					66.67
		65					65.00
		67					66.67
		62					62.00
		67					66.67
		46					46.00

1140.00

Sl No	Description of item	Unit	No	L	B	D	Qty
							1140.00
					Deduction for shoulder drains		30.00
					Total Qty		1110.00
15	KSRB 15-17.5: Applying **priming coat** over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 120/ Item No. 15.59 / PWD SR 2018-19						
	Kariyanna Layout Main Road drain	Sqm					
	LHS	67			0.30		20.00
		64			0.30		19.20
		65			0.30		19.50
		66			0.30		19.80
		67			0.30		20.00
		64			0.30		19.20
		67			0.30		20.00
		67			0.30		20.00
		45			0.30		13.50
	RHS	67			0.30		20.00
		67			0.30		20.00
		63			0.30		18.90
		67			0.30		20.00
		65			0.30		19.50
		67			0.30		20.00
		62			0.30		18.60
		67			0.30		20.00
		46			0.30		13.80
					Total Qty		342.00
16	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.Page No. 121/ Item No. 15.60.1 / PWD SR 2018-19						
	Kariyanna Layout Main Road drain	Sqm					
	LHS	67			0.30		20.00
		64			0.30		19.20
		65			0.30		19.50
		66			0.30		19.80
		67			0.30		20.00
		64			0.30		19.20
		67			0.30		20.00
		67			0.30		20.00
		45			0.30		13.50
	RHS	67			0.30		20.00
		67			0.30		20.00
		63			0.30		18.90
		67			0.30		20.00
		65			0.30		19.50
		67			0.30		20.00
		62			0.30		18.60
		67			0.30		20.00
		46			0.30		13.80

Sl No	Description of item	Unit	No	L	B	D	Qty
					Total Qty		342.00
					QTY LTD TO		150.00
17	Constructing un-reienforced palne cemetn conctere for pavements using rate concrete M30 Over a prepared base with OPC course aggregate at 0.69cum fine aggregates at 0.64cum course anf fine aggregate confirming to IS:383:2016 with super plasticizers at 3mte of its confirming IS:9103-2008. Item no22.6 page no-175						
	Road Surface	Cum					
	Kariyanna layout 1st Cross		1	30.00	$\frac{4.2+5.2}{2}$	0.10	14.10
			1	30.00	$\frac{5.2+5.6}{2}$	0.10	16.20
			1	25.00	$\frac{5.6+5.7}{2}$	0.10	14.13
	Kariyanna layout 2nd Cross		1	30.00	$\frac{5.3+5.4}{2}$	0.10	16.05
			1	30.00	$\frac{5.4+5.4}{2}$	0.10	16.20
			1	30.00	$\frac{5.4+5.6}{2}$	0.10	16.50
			1	25.00	$\frac{5.6+3.9}{2}$	0.10	11.88
	Kariyanna layout 2nd cross 1st sub road		1	35.00	$\frac{5+5.4}{2}$	0.10	18.20
	Kariyanna layout 2nd cross 2nd sub road		1	35.00	$\frac{5.7+5.5}{2}$	0.10	19.60
	Kariyanna layout 2nd cross 3rd sub road		1	35.00	$\frac{5.5+5}{2}$	0.10	18.38
	Main Road (Along the side of the drain)						
	LHS		1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	20.00	0.50	0.10	1.00
	RHS		1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	30.00	0.50	0.10	1.50
			1	20.00	0.50	0.10	1.00
					Total Qty		187.23

Sl No	Description of item	Unit	No	L	B	D	Qty
18	KSRRB M2600-3: (ii) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, No. 233/ Item No. 31.3 PWD SR 2015-16						
	Kariyanna layout 1st Cross	M	30.00	5.5			165
	Kariyanna layout 2nd Cross		50.00	5.5			275
	Kariyanna layout 2nd cross 1st sub road		14.00	5.5			77
	Kariyanna layout 2nd cross 2nd sub road		14.00	5.5			77
	Kariyanna layout 2nd cross 3rd sub road		14.00	5.5			77
					Total Qty		671.00
19	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift No. 171/ Item No. 22.7/ PWD SR 2018-19						
	Road Surface	Sqm					
	Kariyanna layout 1st Cross		1	30.00	$\frac{4.2+5.2}{2}$		141.00
			1	30.00	$\frac{5.2+5.6}{2}$		162.00
			1	25.00	$\frac{5.6+5.7}{2}$		141.25
	Kariyanna layout 2nd Cross		1	30.00	$\frac{5.3+5.4}{2}$		160.50
			1	30.00	$\frac{5.4+5.4}{2}$		162.00
			1	30.00	$\frac{5.4+5.6}{2}$		165.00
			1	25.00	$\frac{5.6+3.9}{2}$		118.75
	Kariyanna layout 2nd cross 1st sub road		1	35.00	$\frac{5+5.4}{2}$		182.00
	Kariyanna layout 2nd cross 2nd sub road		1	35.00	$\frac{5.7+5.5}{2}$		196.00
	Kariyanna layout 2nd cross 3rd sub road		1	35.00	$\frac{5.5+5}{2}$		183.75
					Total Qty		1612.25

Transheight Consultants Pvt. Ltd. Bangalore

PMC
Transheight Consultant Pvt. Ltd

Assistant Engineer
Ward No. 07
Bruhat Bangalore Mahanagara Palike

Assistant Executive Engineer
Byatarayanapura Sub Division
Bruhat Bangalore Mahanagara Palike